



# HF Happenings



South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za) [www.iaru.org](http://www.iaru.org) [www.iaru-r1.org](http://www.iaru-r1.org)

## August

16 to 18 - National Watersports Show and Dive Expo, Randburg  
18 - SARL HF Digital Contest  
17 and 18 - International Lighthouse and Lightship Weekend  
23 to 25 - Tokyo Ham Fair  
25 - SARL HF CW Contest  
29 to 31 - Boertjie Kontreifes, Bultfontein  
30 and 31 - Hantam Vleisfees, Calvinia  
29 Aug to 8 Sep - Clanwilliam Wildflower Show  
31 - RTA in Gauteng

## September

4 - Secretary's Day  
5 and 6 - Rosh Hashanah  
6 - Casual Day  
7 and 8 - IARU Region 1 SSB Field Day; RSGB SSB Field Day  
12 - Closing date for October RAE  
14 - Yom Kippur  
20 - Schools close  
20 to 22 - Maloti Makiti, Fouriesburg  
21 and 22 - SARL VHF/UHF Contest  
22 - Spring Equinox  
23 to 27 - IARU Region 2 General Conference, Cancun, Mexico  
24 - Heritage Day; SARL Heritage Day Sprint  
26 to 29 - Hermanus Flower Festival  
28 and 29 - CW WW RTTY Contest

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## CQ ZS = SARL HF CW Contest

**T**he aim of the SARL HF CW Contest is for participants to contact as many amateurs in Southern Africa as possible on the 20, 40 and 80 m amateur bands. The CW contest takes place on Sunday 25 August and runs from 13:00 to 16:30 UTC. Participation can be as Single Operator Single Band, Single Operator All Band, Multi Operator Single Band or Multi Operator All Band. Individual competitors and club stations are encouraged to compete.

Frequencies - 14 000 to 14 060 kHz; 7 000 to 7 040 kHz and 3 510 to 3 560 kHz. The exchange is a RST report and a consecutive serial number starting at 001. *General Rule 5.d - For contests requiring serial numbers, a single consecutive numbering sequence starting with 001, shall be used for all contacts. However, a multi-operator station transmitting on several bands simultaneously may at their discretion use separate number sequences for each band.*

CW contacts count 2 point. Two points are earned for each area worked per band and a further two points for each station worked on all three bands.

Area 1: ZS1 Western Cape; Area 2: ZS2 Eastern Cape; Area 3: ZS3 Northern Cape; Area 4: ZS4 Free State; Area 5: ZS5 KwaZulu-Natal; Area 6: ZS6 North West, Mpumalanga; Limpopo and Gauteng; Area 7: 3B8 Mauritius, 3DA Swaziland, 7P Lesotho, 7Q Malawi, C9 Mozambique, Z2 Zimbabwe, 5R Madagascar, FR Reunion Island and FH Mayotte and Area 8: 9J Zambia, A2 Botswana, D2 Angola, V5 Namibia, ZD9 Gough and Tristan da Cunha Islands, ZS7 Antarctica and ZS8 Marion Island. Contacts with stations outside these areas are allowed, QSO points may be claimed but no zone or three-bander points may be claimed.

The Silent Keys Memorial CW Trophy is awarded by the Contest Committee to the amateur who achieves the highest score during the annual HF CW Contest and the Anon Trophy is awarded by the Contest Committee to the amateur who achieves the highest score on any one band, during the annual HF CW Contest. Certificates are awarded to the first three places and the highest single band score.

Logs must be submitted by 26 August for the Digital contest and sent to [zs4bfn@netactive.co.za](mailto:zs4bfn@netactive.co.za).

## The VHF Propagation Seasons

We are now exiting the first Meteor Scatter season of the year and entering the very long Tropo Enhancement and Tropo Ducting season of the southern hemisphere that will last at least until April next year. The second Meteor Scatter season starts in mid October and ends in the beginning of January. A short F2 propagation period appears between mid September and mid October during the peak of the Solar Cycle,

(Continued on page 2)

Have **YOU** done anything today to Promote Amateur Radio?

Current Summits-on-the-Air (SOTA) activities are announced at [www.sotawatch.org](http://www.sotawatch.org)

And more SOTA information can be found at [www.sota.org.uk](http://www.sota.org.uk)



(Continued from page 1)

and TEP season starts during this period and continues until the end of November. We have a summer Sporadic-E season in South Africa that peaks during the months of December and January, followed by the second TEP season that runs through to the short F2 propagation period in mid March to mid April. Year round propagation is possible on VHF, UHF and SHF via Aircraft Scatter and the country-wide Tropo Scatter mode.

### Provisional Results SARL Winter QRP Contest

Results of the QRP Contest held on 20 July 2013. Twelve logs were received and the results are as follows

- 1st - Eddie Leighton, ZS6BNE - 285 points
- 2nd - Andre Botes, ZS2ACP - 280 points
- 3rd - Ed Willers, ZS6UT - 272 points
- 4th - Dennis Green, ZS4BS - 180 points
- 5th - Pam Momberg, ZS6APT - 145 points
- 6th - West Rand ARC, ZS6WR - 144 points
- 7th - Barry Nugent, ZS2NF - 125 points
- 8th - Allan Saul, ZS1LS - 60 points
- 9th - Heather Holland, ZS6YE - 42 points
- 10th - Vincent Harrison, ZS6BTY - 36 points
- 11th - Bruce Rowan, ZS6BK - 24 points
- 12th - Jan Hattingh, ZS6BMN - 14 points

Congratulations to Eddie who went the extra mile by operating as a Ultra Light portable station

### Provisional Results SARL YL Sprint

**T**he Contest Committee received 11 logs - 8 from YLs and 3 from OMs - for the SARL YL Sprint held on 9 August 2013.

- 1st Francis Marais, 7P8BFN, 146 points (operated by Francis, ZS4AM)
- 2nd Jenni Reilly, ZS4J, 126 points
- 3rd Pam Momberg, ZS6APT, 116 points
- 4th Kempton Park ARTS, 103 points (operated by Mary, ZS6AKR, and Lucia, ZS6LO)
- 5th Melinda Mynhaardt, ZU6MM, 99 points
- 6th Colette Rundle, ZS2CR, 98 points
- 7th Heather Holland, ZS6YE, 80 points
- 8th Dawn Snyders, ZS5ME, 72 points
- 9th Johan van Zijl, ZS4DZ, 45 points
- 10th Peter Hers, ZS6PHD, and Keith Liddle, ZS6AGF, 40 points
- 12th Geoff Levey, ZS6GRL, 38 points
- 13th Theunis Potgieter, ZS2EC, 28 points

Congratulations to Francis and well done to the ladies!

### Provisional Results SARL HF Phone Contest

**T**he Contest Committee received 25 logs, including 1 check log, for the SARL HF Phone Contest held on 4 August 2013.

Single Operator

- 1st Jan Botha, 186 points
- 2nd Lucas Holthauzen, 155 points

(Continued on page 3)



*(Continued from page 2)*

3rd Christo van Rensburg, ZS3R, 132 points  
 4th Vidi la Grange, ZS1EL, 92 points  
 5th Brendon Muller, ZS4BM, and Theunis Potgieter, ZS2EC, 88 points  
 7th Dirk Els, ZS6AKU, and Theo Bresler, ZS6TVB, 67 points  
 9th Pam Momberg, ZS6APT, 64 points  
 10th Karel Bezuidenhout, ZR6K, 61 points  
 11th Roy Newton, ZS6XN, 60 points  
 12th Robert Bareham, ZS1SA, 58 points  
 13th Heather Holland, ZS6YE, and Wynand Wolmarans, 51 points  
 15th Garth Wheeler, ZS6GMW, 49 points  
 16th Danie Putter, ZS6ZD, 38 points  
 17th ZS6IF, 37 points  
 18th ZS6BK, 36 points  
 19th Geoff Levey, ZS6GRL, 31 points  
 20th ZR6GRT, 28 points  
 21st ZS6ALU, 20 points  
 22nd ZS6IM, 11 points

#### Multi-operator

1st Bloemfontein ARC, 171 points  
 2nd Kempton Park ARTS, 135 points

#### Check log

Johan Roos, ZS4KB

#### Best score on a single band

20 m

1st Wynand Wolmarans, V51WW, 51 points

40 m

1st Jan Botha, ZS4JAN, 114 points  
 2nd Bloemfontein ARC, 113 points  
 3rd Christo van Rensburg, ZS3R, 92 points

80 m

1st Lucas Holthauzen, ZS6LH, 47 points  
 2nd Jan Botha, ZS4JAN, 45 points  
 3rd Kempton Park ARTS, 37 points

#### Club Contest

1st Bloemfontein ARC, ZS4BFN, 256 points  
 2nd Kempton Park ARTS, 173 points  
 3rd Rustenburg ARC, 155 points  
 4th Overberg ARC, 92 points  
 5th Port Elizabeth ARS, 88 points  
 6th Centurion ARC, 64 points  
 7th Soutpansberg ARC, 61 points  
 8th Pretoria ARC, 60 points  
 9th West Rand ARC, 59 points



## Popular "MM" Applications Released for Open-Source Development

Mako Mori, JE3HHT, the author of *MMTTY*, *MMVARI* and *MMSSTV*, has released these applications to open-source development under the LGPL license <http://www.gnu.org/licenses/lgpl.html>. This license enables developers and companies to use and integrate *MMTTY*, *MMSSTV* and *MMVARI*, while ensuring that all improvements to source code are made publicly available. MM-Open <http://mm-open.org/> has been established to encourage and facilitate open source development. Anyone may create public or private branches of these applications.

A set of committers will maintain a master branch for each application (the initial committers are Bob, N4HY; Eric, KE5DIO; Oba, JA7UDE, and Steve, N5AC). Packaged versions of *MMTTY*, *MMVARI*, and *MMSSTV* assembled from the master branches will continue to be available from *MM Hamsoft*. Source code for these applications is available via [GitHub](#), courtesy of [FlexRadio](#). Existing [Yahoo](#) Groups will continue to be used to convey defect reports and enhancement requests. -Thanks to Dave Bernstein, AA6YQ, secretary, MM-Open

## 2013 Most Wanted Survey

Carl, N4AA, editor of "QRZ DX" and "The DX Magazine," reports that by popular demand many countries have been added to the survey for this year. Deadline for entry is 15 October 2013. To participate, fill out the survey form at <http://dxpub.com/survey/survey2013.html>

The results are usually published in the January/February 2014 issue of "The DX Magazine", and the world-wide results will be posted to the web site around 15 January 2014, as well. The breakdown by mode/Low Bands will be published in the March/April 2014 issue of the magazine.

## African DX

Namibia, V5. Hardy, DF3GY, and Hans, DF2UU, will participate in the IARU Region 1 SSB Field Day (7 and 8 September) and the WAE SSB Contest (14 and 15 September) as V55V from Namibia. QSL via DJ8VC. Outside the contests they will operate CW and SSB as V5/DF3GY and V5/DF2UU on 160 to 6 metres.

Mozambique, C8. An international team of operators will be active as C82DX from Xai Xai (WW Loc KG64) between 15 and 22 October. The Operators list has been updated and includes Bill, K1MM, Doug, N1DG, Tom, N4XP, Kevin, K6TD, Charlie, NF4A, Ray, N9JA, Charles, W6OAT, Bruce, W6OSP, Tjerk, ZS6P (C91TJL), Pierre, ZS6PJH and Christian, ZS6RI.

Activity will be on 160 to 10 metres using CW, SSB and RTTY. QSL routes have now been announced. QSL via the OQRS by ClubLog (Highly Recommended, Preferred Method) to receive a QSL either direct and by the Bureau. To QSL direct via the mail, send it to: C82DX, Box 333, Bethlehem, GA 30620 USA [Please do not send IRCs. See details on their Web page]. They will not confirm QSOs via the eQSL system. The C82DX Web page is at: <http://c82dx.com>

## African Islands

Major IOTA 2014 DXpedition - Operators Needed! Operators Fred, IK7JWX (Team leader) and Antonio, IK8VRH (Logistics) are looking for operators to participate in a major IOTA DXpedition to either Tanzania or Kenya in April of 2014. Islands mentioned in Tanzania are Zanzibar City [or Unguja] (AF-032 - 55%), Pemba Island (AF-063 - 30.3%) or Mafia Island (AF-054 - 30.0%). Island mentioned in Kenya is Lamu Island (AF-040 - 35.8%). If interested, contact Fred at [ik7jwx2003@yahoo.it](mailto:ik7jwx2003@yahoo.it)





## Contest Calendar

### QRP Fox Hunt

01:00 - 02:30 UTC 23 August

Mode: CW

Bands: 20m Only

Classes: Single Op (Fox/Hound)

Max power: 5 watts

Exchange: RST, state, province or country, name and power output

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 02:30 UTC 24 August 2013

E-mail logs to: (see rules)

Mail logs to: (none)

Find rules at: [http://www.qrpfoxhunt.org/summer\\_rules.htm](http://www.qrpfoxhunt.org/summer_rules.htm)

### NCCC RTTY Sprint

01:30 - 02:00 UTC 23 August

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 August 2013

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com/>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

### NCCC Sprint Ladder

02:30 - 03:00 UTC 23 August

Mode: CW

Bands: 160, 80, 40, 20, 15 m

Classes: Single Op

Max power: 100 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: NA station: 1 point per QSO; non-NA station: 1 point per QSO with an NA station

Multipliers: Each US state (including KL7 and KH6) once per band; Each VE province once per band; Each North American country (except W/VE) once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 25 August 2013

E-mail logs to: (none)

Post log summary at: <http://www.3830scores.com>

Mail logs to: (none)

Find rules at: <http://www.ncccsprint.com/rules.html>

### Hawaii QSO Party

04:00 UTC 24 August to 04:00 UTC 26 August

Mode: CW, Phone, RTTY, PSK

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op Mixed - QRP, low or high; Single Op Technician CW and SSB (200 W); Single Op CW High Power; Single Op Digital High Power; Multi-Single; Multi-Multi

Max power: HP: 1 500 watts; LP: 150 watts;

QRP: 5 watts CW/RTTY/PSK, 10 watts SSB

Exchange: HI: RS(T) and QTH ID; non-HI W/VE: RS(T) and state or province; DX: RS(T)

Work stations: Once per band per mode

QSO Points: (see rules)

Multipliers: HI: Each HI QTH ID once; HI: Each state/province/territory/country once; non-HI: Each HI QTH ID once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 September 2013

E-mail logs to: [awards@hawaiiqsoparty.org](mailto:awards@hawaiiqsoparty.org)

Mail logs to: (none)

Find rules at: <http://www.earchi.org/qsoparty/Rules/2013/HIQSOPartyRules-2013.html>

### SCC RTTY Championship

12:00 UTC 24 August to 11:59 UTC 25 August

Mode: RTTY

Bands: 80, 40, 20, 15, 10m

Classes: Single Op All Band - low or high; Single Op Single Band; Multi-Op

Max power: HP: 1 500 watts; LP: 100 watts

Exchange: RST and 4-digit year license first issued

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 19 to 26 August 2013

(Continued on page 6)



(Continued from page 5)

QSO Points: 1 point per QSO with same country; 2 points per QSO with same continent, different country; 2 points per QSO between different W, VE, VK, ZL, ZS, JA and PY call areas, LU provinces and Asiatic Russia UA9/UA0 oblasts; 3 points per QSO with different continent

Multipliers: Each 4-digit year licensed once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 2 September 2013

E-mail logs to: (none)

Upload log at: [http://lea.hamradio.si/scc/rtty/rtty\\_log\\_submission.htm](http://lea.hamradio.si/scc/rtty/rtty_log_submission.htm)

Mail logs to: (none)

Find rules at: <http://lea.hamradio.si/scc/rtty/rttyrules.htm>

#### YO DX HF Contest

12:00 UTC 24 August to 12:00 UTC 25 August

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10m

Classes: Single Op All Band - CW, SSB or mixed - high or low; Single Op Single Band; Multi-Op Single Transmitter; Youngster/Novice (<16y)

Max power: High: >100 W; Low: 100 W or less

Exchange: YO: RS(T) and district; non-YO: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: 8 points per QSO with YO station; 4 points per QSO with non-YO station on different continent; 2 points per QSO with non-YO station in different country, same continent; 1 point per QSO with non-YO station in same country

Multipliers: Each DXCC country (not YO) once per band; Each YO district once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 24 September 2013

E-mail logs to: [yodx-contest@hamradio.ro](mailto:yodx-contest@hamradio.ro)

Mail logs to: FRR, PO Box 22-50, Bucharest RO-014780, Romania

Find rules at: <http://www.yodx.ro/en/english>

#### Kansas QSO Party

14:00 UTC 24 August to 02:00 UTC 25 August and 14:00 UTC-20:00 UTC 25 August

Mode: CW, SSB, Digital

Bands: 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op - QRP, low or high; Multi-Op; School; Canada; DX

Mobile Single Op - CW or mixed - Low Power; Mobile Multi-Op Single Radio; Mobile Unlimited; Mobile SSB Low Power

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: KS: RS(T) and county; non-KS: RS(T) and (state/VE section/"DX")

Work stations: Once per band per mode

QSO Points: 2 points per phone QSO; 3 points per CW/digital QSO; Bonus: 100 points for at least one QSO with KSOKS

Multipliers: KS: Each US state, VE section and "DX" once; non-KS: Each KS county once

Score Calculation: Total score = (total QSO points x total mults) and Bonus Points

Submit logs by: 1 October 2013

E-mail logs to: [logs@ksqsoparty.org](mailto:logs@ksqsoparty.org)

Mail logs to: Kansas QSO Party, c/o Bob Harder, W0BH, Box 3000, Hesston, KS 67062, USA

Find rules at: <http://www.ksqsoparty.org/rules/>

#### QRP ARCI Welcome to QRP

15:00 -18:00 UTC 24 August

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - all band, low band or high band; Elmer Assisted - all band, low band or high band

Exchange: RST, state, province or country and ARCI number or power

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member QSO with different continent; 2 points per non-member QSO with same continent; Bonus points: 5 000 for battery power portable with temporary antenna

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band

(Continued on page 7)



(Continued from page 6)

Power Mult:  $>5\text{ W} = \times 1$ ,  $1 - 5\text{ W} = \times 7$ ,  $500\text{ mW} - 1\text{ W} = \times 10$ ,  $200 - 500\text{ mW} = \times 15$ ,  $55 - 200\text{ mW} = \times 20$ ,  $< 55\text{ mW} = \times 25$

Score Calculation: Total score = (total QSO points  $\times$  (state mults and province mults and country mults)  $\times$  power mult) and bonus points

Submit logs by: 8 September 2013

E-mail logs to: [contest@qrparci.org](mailto:contest@qrparci.org)

Mail logs to: QRP ARCI Welcome to QRP Contest, c/o Jeff Hetherington, VA3JFF, 139 Elizabeth St. W., Welland, Ontario L3C 4M3, Canada

Find rules at: <http://www.qrparci.org/content/view/8397/118/>

Ohio QSO Party

16:00 UTC 24 August to 04:00 UTC 25 August

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op (High/Low/QRP); Multi-Op; Mobile; Rover

Max power: HP:  $>100$  watts; LP: 100 watts; QRP: 5 watts CW, 10 watts SSB

Exchange: OH: Serial no and county; non-OH: Serial no and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per SSB QSO; 2 points per CW QSO

Multipliers: OH Stations: Each state, province, OH county, 1 DX once per mode; non-OH Stations: Each OH county once per mode

Score Calculation: Total score = total QSO points  $\times$  total mults (see rules for mobile stations)

Submit logs by: 23 September 2013

E-mail logs to: [logs@ohqp.org](mailto:logs@ohqp.org)

Mail logs to: Ohio QSO Party, c/o Jim Stahl, K8MR, 30499 Jackson Rd., Chagrin Falls, OH 44022-1730, USA

Find rules at: <http://www.ohqp.org/adminRules.htm>

CVA DX SSB Contest

21:00 UTC 24 August to 21:00 UTC 25 August

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Single Op Single Band low or high; Multi-Single low or high; Multi-Two; Headquarters; Teen Single Op; YL Single Op

Max power: HP:  $>100$  watts; LP: 100 watts; QRP: 5 watts

Exchange: RS and type/UF (see rules)

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each UF once per band; Each country once only

Score Calculation: Total score = total QSO points  $\times$  total mults

Submit logs by: 15 September 2013

E-mail logs to: [ssb@craec.org](mailto:ssb@craec.org)

Mail logs to: (none)

Find rules at: <http://www.craec.org>

SARL HF CW Contest

13:00 - 16:30 UTC 25 August

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op All Band; Multi-Op Single Band

Exchange: RST and serial no

Score Calculation: (see rules)

Submit logs by: 2 September 2013

E-mail logs to: [zs4bfn@netactive.co.za](mailto:zs4bfn@netactive.co.za)

Mail logs to: (none)

Find rules at: [www.sarl.org.za/Documents/SARL\\_Contest\\_Manual\\_2013\\_Issue\\_11.pdf](http://www.sarl.org.za/Documents/SARL_Contest_Manual_2013_Issue_11.pdf)

## Next Week's Contests

SKCC Sprint 00:00 - 02:00 UTC 28 August

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 28 August and 03:00 - 04:00 UTC 29 August

RSGB 80m Club Sprint, SSB, 19:00 - 20:00 UTC 29 August

QRP Fox Hunt, 01:00 - 02:30 UTC 30 August

NCCC Sprint Ladder, 02:30 - 03:00 UTC 30 August

(Continued on page 8)



*(Continued from page 7)*

Feld Hell Sprint, 00:00 - 23:59 UTC 31 August

CWOps CW Open, 00:00 - 03:59 UTC, 12:00 - 15:59 UTC and 20:00 - 23:59 UTC 31 August

Colorado QSO Party, 12:00 UTC 31 August to 04:00 UTC 1 September

Tennessee QSO Party, 18:00 UTC 1 September to 03:00 UTC 2 September

MI QRP Labour Day CW Sprint, 23:00 UTC 2 September to 03:00 UTC 3 September

ARS Spartan Sprint, 01:00 - 03:00 UTC 3 September

**History This Week** for the week starting 19 August

55 BC Roman forces under Julius Caesar invade Britain.

1609 Galileo demonstrates his first telescope to Venetian lawmakers

1787 W Herschel discovers Enceladus, a moon of Saturn.

1814 British sack Washington, DC, Govt House burned, painted with whitewash to cover the damage. Hence the name the White House was born.

1841 John Hampson patents the Venetian blind.

1889 First ship-to-shore wireless message received in US (San Francisco)

1896 Dial telephone patented

1962 The Savannah, the world's first nuclear-powered ship, completed her maiden voyage from Yorktown, Va., to Savannah, Ga.

**Tony's 10 metre Report**

Another really odd week. Very little activity at all, all week and Saturday. Then Sunday was a monster with loads of contacts and DX.

No single main DX until Friday when CV5A (Special call sign of Radiogrupo Sur used for the activation of Isla de Flores, (IOTA SA-030) Uruguay) splashed in, top for three days.

G4CJC (me) worked just F6CEE and PT9IR, IS0MVE, IZ0KBA and M6DRS on PSK31 in the week.

Saturday Steve, M0STC, said, *"The band seems completely dead - absolutely nothing ! At least when I was listening."*

Me Too. The Sunday marginally better. Worked EA2DHF 5/9 (PSK31), heard IT9BLB 5/9 (RTTY), LA6FJA 5/9 (RTTY) and SM7BHM 5/9 (RTTY). Steve says, *"Similar to last week with 4X6TU, the NCDXF beacon ZS6DN was clearly audible in the late afternoon, but there didn't seem to be anyone about. I guess there just aren't that many radio amateurs in southern Africa! Incidentally, it would be interesting to be able to monitor the NCDXF beacons on 28 200 kHz 24 hours a day and record the results graphically. I wonder if anyone here does that, and if so what software do they use?"*

Where would you find this Eiffel Tower?

The answer to last week's photo. Where was Carina standing?

At the blockhouse at Modder River about 40 km south of Kimberley and about 6 km from Ritchie. Actually the Blockhouse stands next to the Riet River - just down stream from the confluence of the Modder and Riet Rivers. The Hotel at Modder River was used by the British Forces before the advance to Magersfontein (about 14 km).



*Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News*

